

MSFC-MNL-3317 BASELINE DATE: 09/28/2004

George C. Marshall Space Flight Center Marshall Space Flight Center, Alabama 35812

# REVIEW ITEM DISCREPANCY (RID) SYSTEM USER'S GUIDE

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MSFC Form 454 (Rev. October 1992)

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	Effective Date: 09/28/2004	Page 2 of 65

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Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 3 of 65

# **TABLE OF CONTENTS**

PAR/	<u>AGRAPH</u> <u>P</u>	AGE
1.	SCOPE	5
2.	APPLICABLE DOCUMENTS	5
3.	ACRONYMS/DEFINITIONS	5
4.	THE MSFC REVIEW PROCESS	5
5.	RID SYSTEM USAGE	8
5.1	User Registration	
5.2	System Log In	
5.3	Forgot Your Password?	
5.4	RID System Home Page	
5.4.1	Review Selection	18
5.4.2	Function Selection	18
5.5	Role Passwords	
5.6	General System Usage Guidelines	20
6.	RID SYSTEM Functions	
6.1	View/Print RIDs	
6.2	View/Print Reports	
6.3	Pending Tasks	
6.4	Initiator – RID Entry	
6.5	Initiator – RID Update	
6.6	Screening Group Lead – PreRID Screening	
6.7	Screening Group Member – Screening Remarks	
6.8	Developer – Recommended Corrective Action and Impacts	
6.9	Team Lead – Team Disposition	
6.10	Team/PreBoard/Board Member – Remarks	
6.11	Team/PreBoard/Board – Action Item Recommendation/Assignment	
6.12	PreBoard Chair – PreBoard Disposition	
6.13 6.14	Board Chair – Board Disposition	
6.15	Action Reviewer – Action Item Concurrence	
6.16	Action Approval Authority (Team Lead) – Action Item Approval	
6.17	System Engineer – RID Implementation Performed by the System Engineer	
6.18	RID Reviewer – RID Closure Concurrence	
6.19	Project Manager – RID Approval	
5. 10		00
A DDE	ENDLY A DID FORM	62

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 4 of 65

# LIST OF TABLES

<u>Table</u>		<u>Page</u>
1.	Field Descriptions for RID Input – Header and Block A	31
2.	Field Descriptions for RID Screening Group Input – Block B	34
3.	Field Descriptions for Developer Input – Block C	37
4.	Field Descriptions for Team Input – Block D	39
5.	Field Descriptions for Action Item Recommendation/Assignment	45
6.	Field Descriptions for PreBoard Input – Block E	47
7.	Field Descriptions for Board Input – Block F	49
8.	Field Descriptions for Action Item Implementation	51
9.	Field Descriptions for Action Item Concurrence	53
10.	Field Descriptions for Action Item Approval	55
11,	Field Descriptions for RID Closure – Block G (Fields 57-59)	57
12.	Field Descriptions for RID Closure – Block G (Fields 60-62)	59
13.	Field Descriptions for RID Closure – Block G (Fields 61-62)	61

# **LIST OF FIGURES**

Fi	igure	<u>e</u>	<u>PAGE</u>
	1.	RID Process Flow	6
	2.	U.S. Government Computer Warning Banner	9
	3.	Login Page for Registered RIDS Users	10
	4.	RID System Registration Screen	11
	5a.	Temporary Password Request for Registered RIDS User's ID	12
	5b.	Temporary Password Request for Registered RIDS User's Verification	13
	5c.	RIDS Temporary Password Notice	14
		Temporary Password Message	
	5e.	Create New Password Screen	16
	5f.	Password Acceptance Message	16
	6.	RID System Home Page	17
	7.	RID System Home Page with Drop-Down List of Reviews	18
	8.	RID System Home Page with Activated Main Menu	19
	9.	Role-Level Password Dialog Box	19

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 5 of 65

#### 1. SCOPE

The RID System User's Guide provides system guidance to all review participants.

1.1 <u>Purpose.</u> This document is intended to provide sufficient information for each review participant to successfully use Version 3.4 of the RID System.

#### 2. APPLICABLE DOCUMENTS

MWI 8060.3 Requirements and Design Reviews, MSFC Program/Projects

#### 3. ACRONYMS/DEFINITIONS

PRR	Preliminary Requirements Review
PDR	Preliminary Design Review
CDR	Critical Design Review
DCR	Design Certification Review
RID	Review Item Discrepancy
ID	Identification
ROM	Rough Order of Magnitude

#### 4. THE MSFC REVIEW PROCESS

MSFC design reviews are conducted to assure that design requirements and objectives are clearly stated and that the design and end product will meet these requirements. The set of design reviews, established by project management, may include a Project Requirements Review (PRR), Preliminary Design Review (PDR), Critical Design Review (CDR), Design Certification Review (DCR), or other incremental/interim reviews necessary to verify and validate design.

The typical MSFC review process is shown in Figure 1. It should be noted that each program/project may handle their reviews differently. The MSFC review process and the RID System are designed to handle some of these differences. For example, a review may or may not have a Screening Group or PreBoard as indicated in Figure 1.

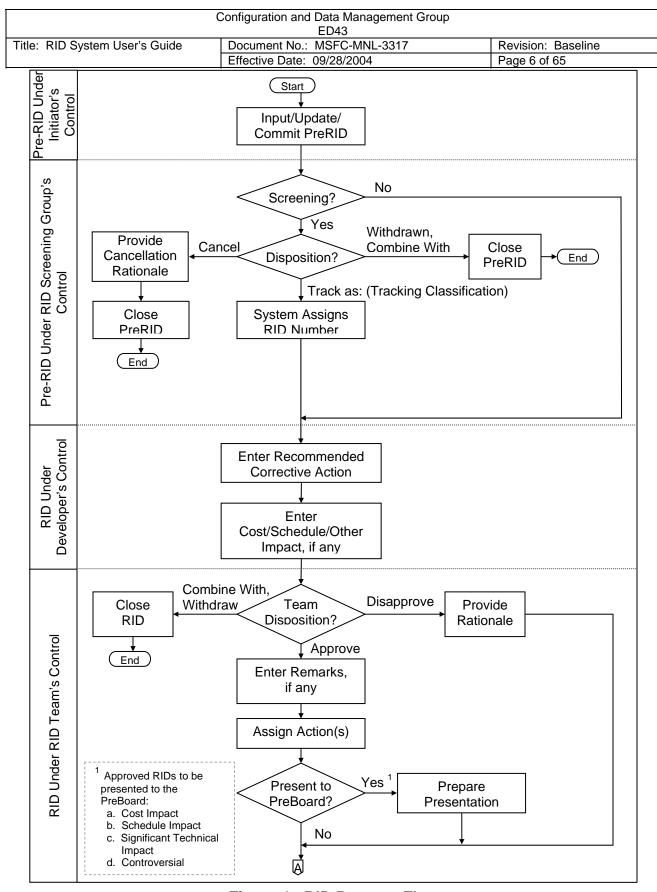


Figure 1. RID Process Flow

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Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 7 of 65

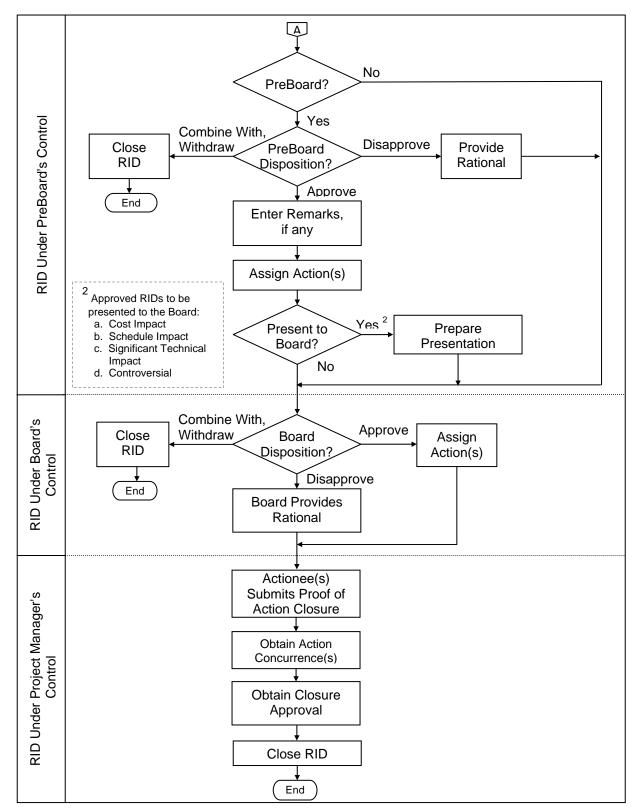


Figure 1. RID Process Flow (Continued)

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At <a href="http://starbase.msfc.nasa.gov/directives/directives.htm">http://starbase.msfc.nasa.gov/directives/directives.htm</a>
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Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 8 of 65

#### 5. RID SYSTEM USAGE

This section of the User's Guide is intended to assist review participants in performing system functions.

The following general user functions are described in this section:

- a. User Registration
- b. System Login
- c. RID System Home Page
- d. View/Print RIDs
- e. View/Print Reports
- f. Pending Tasks

In addition, the following roles and associated tasks are described on a step-by-step basis:

- a. Initiator RID Entry
- b. Initiator RID Update
- c. Screening Group Lead PreRID Screening
- d. Screening Group Member Screening Remarks
- e. Developer Recommended Corrective Action and Cost/Schedule/Other Impacts
- f. Team Lead Team Disposition
- g. Team/PreBoard/Board Action Item Recommendation/Assignment
- h. PreBoard Chair PreBoard Disposition
- Board Chair Board Disposition
- j. Actionee Action Item Implementation
- k. Action Reviewer Action Item Concurrence
- I. Action Approval Authority (Team Lead) Action Item Approval
- m. System Engineer RID Implementation
- n. RID Reviewer RID Closure Concurrence
- o. Project Manager RID Approval

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 9 of 65

**5.1** <u>User Registration</u>. Access to the system via the following URL will display the U.S. Government Computer Warning banner as shown in Figure 2.

https://msfcrids1.nis.nasa.gov/rids/rids\_login.taf.

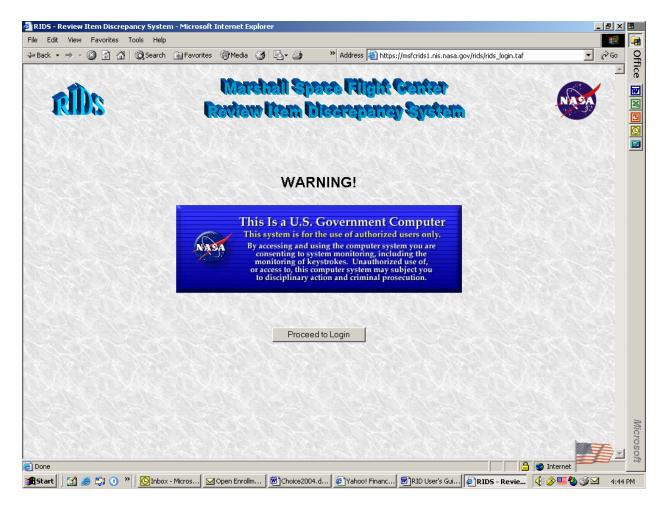


Figure 2. U.S. Government Computer Warning Banner

Clicking the "Proceed to Login" button will display the RID System login page as shown in Figure 3.

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 10 of 65

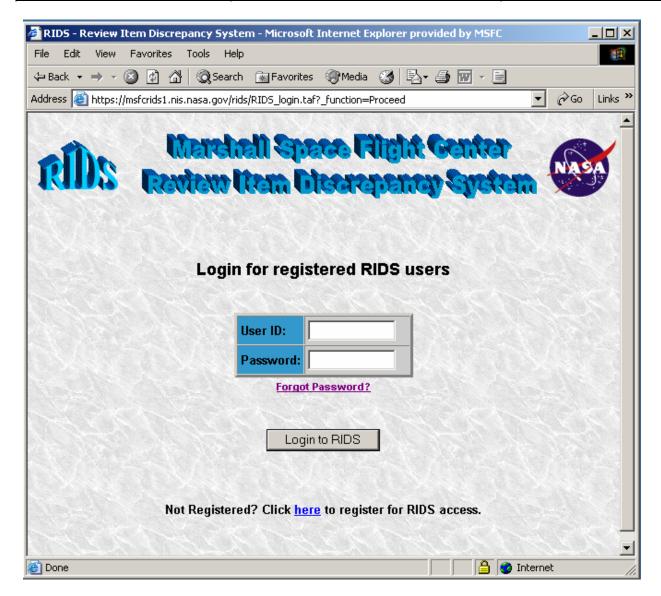


Figure 3. Login Page for Registered RIDS Users

If you have not registered, clicking the <a href="here">here</a> link will display the RID System Registration on-line screen as shown in Figure 4. The RID System User Registration Page screen as shown below serves as the registration request. All participants must complete this form according to the instructions and submit it for approval. After completion of all fields, click the "Submit Registration Request" button at the bottom of the screen.

Following Program/Project approval of the Registration Request, a system-generated email will be sent to the user. Once notified, users can access the review(s) to which they have been granted access.

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline		
	Effective Date: 09/28/2004	Page 11 of 65

Statement of Responsibility		
Unauthorized use of the computer accounts and computer resources to which I am granted access is a violation of Section 799, Title 18, U.S. Code; constitutes theft; and is punishable by law. I understand that I am the only individual to access these accounts and will not knowingly permit access by others. I will not share my UserID or divulge my password to anyone. I understand that my misuse of assigned accounts, and my accessing others' accounts without authorization is not allowed. I understand that this/these system(s) and resources are subject to monitoring and recording. I further understand that failure to abide by these provisions may constitute grounds for termination of access privileges, administrative action, and/or civil or criminal prosecution.		
User ID	Enter desired User ID for RIDS (4-12 characters) Use MSFC Domain ID if applicable.	
Password	Enter desired Password (8-12 characters). Password shall have the following type characters:  Upper Case, Lower Case, Number, Special Character. NOTE: The password may not be wholly or predominately composed of: UserID, owner's name, birth date, Social Security Number, family member or pet names, names spelled backwards, contractor name division or branch name, repetitive or keyboard patterns, name of automobile or sports team, name of vendor, or nickname of a product.	
Password Confirmation	Confirm password. (Be sure to remember your password. It will not be sent to you by the system.)	
Password Verification Question	What is your mother's maiden name?	
Password Verification Answer		
First Name		
Last Name		
Org. Code		
Email Address		
Phone Number		
User Type	Select User type. If Other, specify.	
Site	MSFC Select NASA Center. If Contractor or NASA Partner, specify Co./Ptr:	
Location	Enter City, State and Country.	
Are you a US citizen?	Yes No If No, specify country.	
Do you claim citizenship of another country?	Yes No If Yes, specify country.	
Do you represent a foreign country?	Yes No If Yes, specify country.	
Select a Review	▼	
By clicking the Submit Registration Request button, you are signifying that you have read the Statement of Responsibility above and understand and agree to abide by the stated requirements.		
	Submit Registration Request	

Figure 4. RID System Registration Screen
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At <a href="http://starbase.msfc.nasa.gov/directives/directives.htm">http://starbase.msfc.nasa.gov/directives/directives.htm</a>
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Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 12 of 65

- **5.2** System Log In. To log into the RID System, type your User ID and Password, then click the "Login to RIDS" button. See Figure 3. This procedure will open the Home Page of the MSFC RID System.
- **5.3** Forgot Your Password? If you have forgotten your password, click the "Forgot Password?" link to display the Temporary Password Request for Registered RIDS Users screen as shown in Figure 5a below. Enter your user ID and click the "Submit" button at the bottom of the screen.

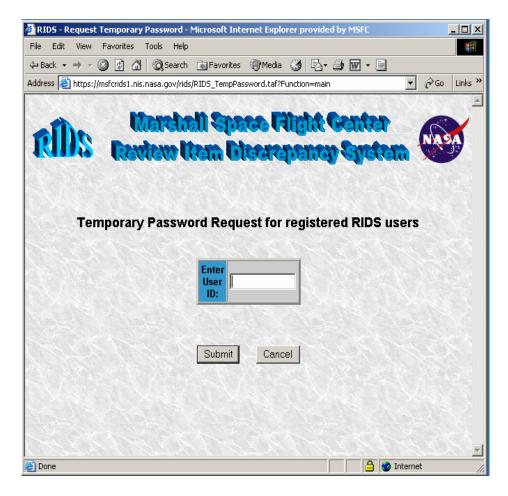


Figure 5a. Temporary Password Request for Registered RIDS User's ID

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 13 of 65

Enter your "Answer" to the Verification Question (Figure 5b.). After submitting this information, you will receive a notice that your RIDS temporary password will be sent to the e-mail address on record for your User ID.

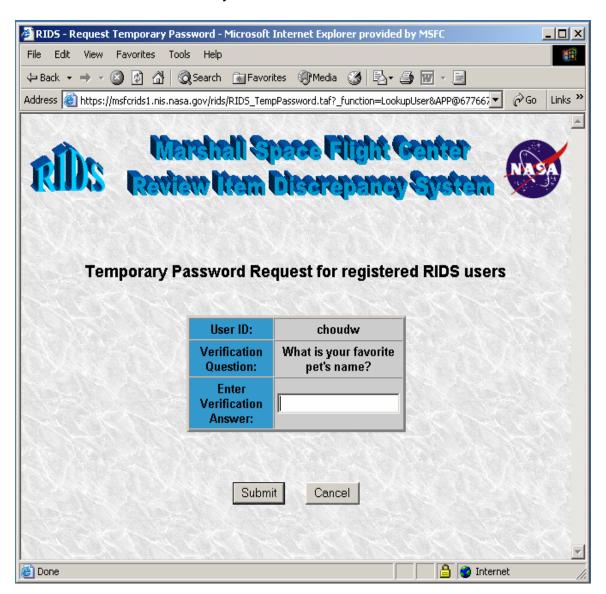


Figure 5b Temporary Password Request for Registered RIDS User's Verification

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 14 of 65

After answering the verification question, you will receive a notice (Figure 5c) that your RIDS temporary password will be sent to the e-mail address on record for your User ID. Refer to the email to access your temporary password. The temporary password will be valid for a single login – once used, you will be prompted to enter a permanent password.

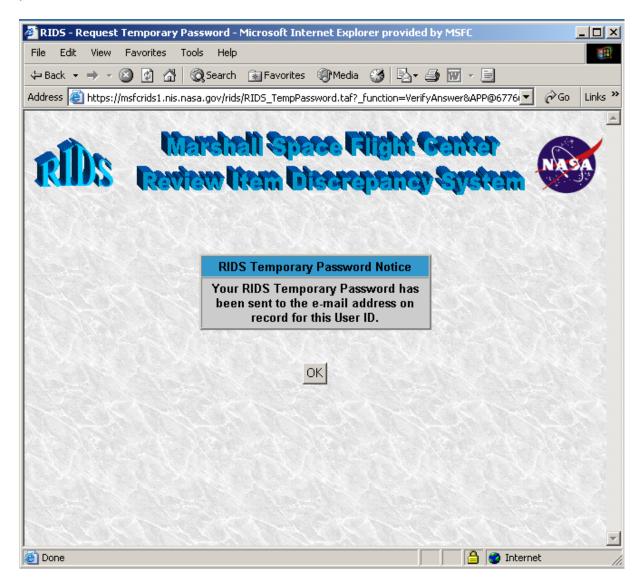


Figure 5c. RIDS Temporary Password Notice

Clicking the "OK" button on the RIDS Temporary Password screen will open the U.S. Government Computer Warning Banner (as shown in Figure 2).

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 15 of 65

Clicking the "Proceed to Login" button display the following message:

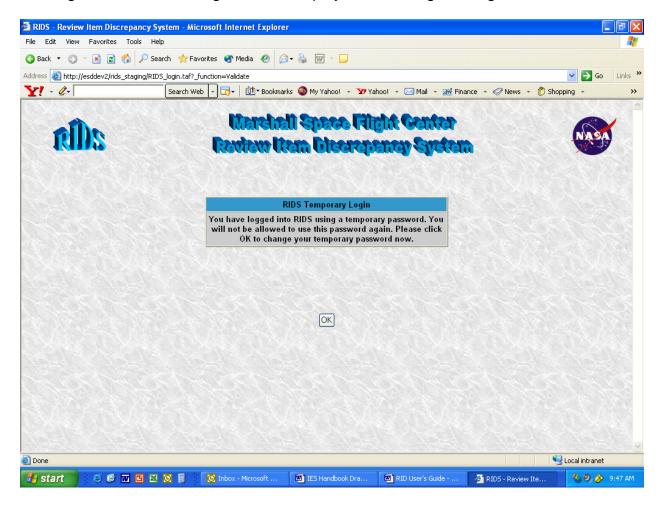


Figure 5d. <u>Temporary Password Message</u>

Click the "OK" button to enter a new password (as shown in Figure 5e).

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 16 of 65

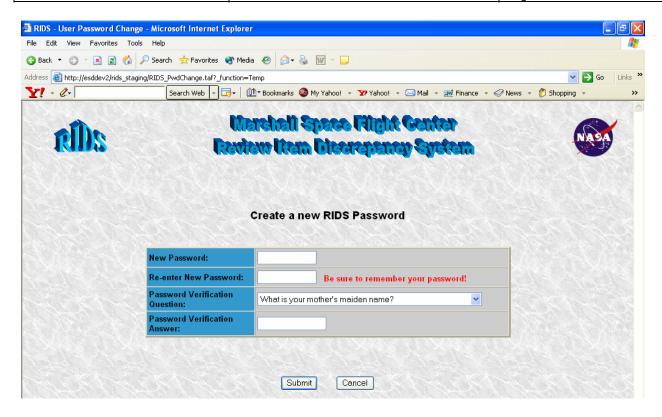


Figure 5e. Create New Password Screen

Upon submitting your new password information, you will be notified that your password has been changed (as shown in Figure 5f).



Figure 5f. Password Acceptance Message

Click OK to continue.

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Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 17 of 65

Upon successful login, the MSFC RID System Home Page (as shown in Figure 6) will be opened.



Figure 6. RID System Home Page

**5.4** RID System Home Page. The RID System Home Page screen serves as a portal to all system functions.

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline		Revision: Baseline
	Effective Date: 09/28/2004	Page 18 of 65

**5.4.1** Review Selection. From the RID Home Page, review participants may select a review from the RID Home Page as shown in Figure 7. The reviews listed in the dropdown list are limited to those reviews for which the user has registered and has been granted access. When a review is selected, the Main Menu on the left side of the screen will be activated.

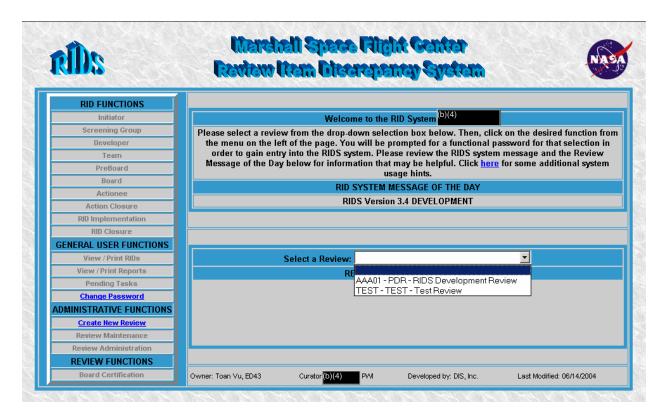


Figure 7. RID System Home Page with Drop-Down List of Reviews

#### 5.4.2 Function Selection.

When a review is selected, the Main Menu on the left side of the screen will be activated as shown in Figure 8. The Main Menu provides access to all system functions. Click the desired link.

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 19 of 65

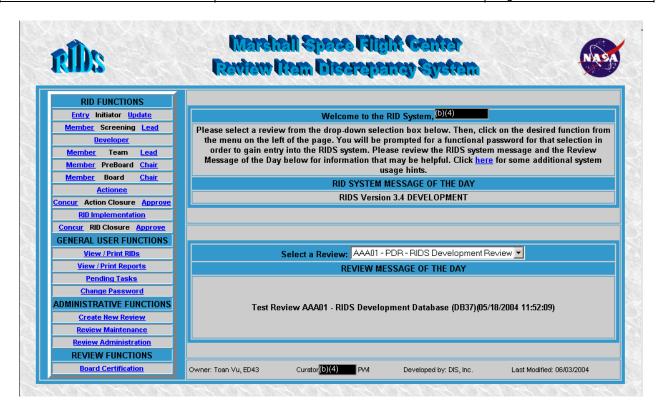


Figure 8. RID System Home Page with Activated Main Menu

**Role Passwords.** Each role within the RID System (except Initiator and the General User Functions) requires a role-level password. Prior to the review, each review participant will be provided a password(s) based on the role(s) they will play in the review. A password dialog box, as illustrated below in Figure 9, will be displayed when a function is selected from the Main Menu.

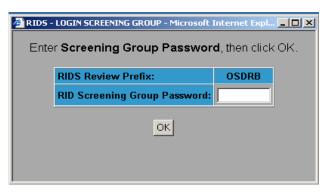
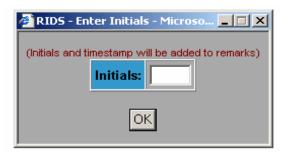


Figure 9. Role-Level Password Dialog Box

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline		Revision: Baseline
	Effective Date: 09/28/2004	Page 20 of 65

**5.6** <u>General System Usage Guidelines.</u> The following general system usage guidelines are provided to assist the user in system operation.

- 1. Web Based. The RID System is fully web-based. The only requirement for access is that you have an Internet browser installed on your computer and have an Internet connection. The system has been tested with both the Microsoft Internet Explorer and Netscape browsers. Internet Explorer is recommend; however, if it is not available, please be advised that there are some nuances with Netscape that may inhibit proper navigation or other system functions.
- 2. **Right Mouse Button.** You can access normal browser capabilities such as Back, Print, etc., by clicking the right mouse button at any time and selecting the appropriate function.
- 3. **Screen Resolution.** A screen resolution of at least 1024 x 768 will result in optimal screen layout and minimize scrolling. To set screen resolution, select My Computer from the desktop, double click "Control Panel", double click "Display Properties", select "Settings" tab and adjust Screen Area to 1024 x 768 or greater, click "Apply" and follow system prompts.
- 4. **Server Timeout.** Server variables are used which have a timeout period of 30 minutes. If your session has been idle for more than 30 minutes, you may receive an error messages, an invalid connection messages or simply a blank screen. If this happens, close your browser and restart RIDS.
- 5. **Mandatory/Optional Fields.** On all input screens, mandatory fields are indicated by an asterisk and a light gray background; a dark background identifies optional fields.
- 6. **Navigation.** The keyboard tab key may be used for navigating from field to field except when the next field is a check box or option button. Use the mouse to make a selection(s).
- 7. **Automatic Dates.** Dates associated with signatures are automatically entered by the system.
- 8. **Remarks Time/Date/Name Stamp.** Screening Group, Team, PreBoard and Board Members, as well as Action and RID Reviewers, may add remarks during the review prior to closure of the process step. These remarks will be date and time stamped by the system. In order to have a record of who offered the remarks, the user will be prompted to enter his/her initials via a dialog box shown below. Simply enter your initials and hit "Enter" or click "OK". Your initials will be added to your remarks at the time the data is committed. During a single session the system will "remember" and not prompt you for your initials.



Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 21 of 65

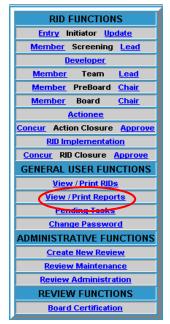
# 6.0 RID System Functions

This section describes the following RID System user functions:

	Function	Role
6.1	View/Print RIDs	All
6.2	View/Print Reports	All
6.3	Pending Tasks	All
6.4	RID Entry	Initiator
6.5	RID Update	Initiator
6.6	PreRID Screening	Screening Group Lead
6.7	Screening Remarks	Screening Group Member
6.8	Recommended Corrective Action and Impacts	Developer
6.9	Team Disposition	Team Lead
6.10	Remarks	Team/PreBoard/Board Member
6.11	Action Item Recommendation/Assignment	Team/PreBoard/Board
6.12	PreBoard Disposition	PreBoard Chair
6.13	Board Disposition	Board Chair
6.14.	Action Item Implementation	Actionee
6.15	Action Item Concurrence	Action Reviewer
6.16	Action Item Approval	Action Approval Authority (Team Lead)
6.17	RID Implementation	System Engineer
6.18	RID Closure Concurrence	RID Reviewer
6.19	RID Approval	Project Manager

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 22 of 65

### **View/Print RIDs**



- **Step 1.** To view and/or print any RID in the review, click <u>View/Print</u> RIDs from the Main Menu. This will open the RID Header.
- **Step 2.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will display the selected RID and all associated Action Items.
- **Step 3.** Click the <u>Print Screen</u> link to print RID and associated Action Items.



Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 23 of 65

# 6.2 <u>View/Print Reports</u>

The RID Report capability of the RID System allows users to generate both predefined and ad hoc reports. Predefined reports provide basic information in fixed formats. The user has restricted means for limiting the records to be included in a predefined report and for sorting the found records.

The user may limit report content by selecting desired limits from "limit to" option sets. Report data may be sorted using up to three sorting keys.

The default format for reports is "Basic," i.e., the report fields are displayed in non-overlapping columns, one row per record. Optional formats for applicable reports are "Detailed" and "Full RID." The Detailed report format adds additional fields that will typically change the Basic report to a multi-row-per-record format, with potentially overlapping columns. The full RID report format will display the Basic report format followed by all qualifying full RIDs and associated action Items.

An ad hoc report capability provides the user with the means to create custom reports.

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline		
	Effective Date: 09/28/2004	Page 24 of 65

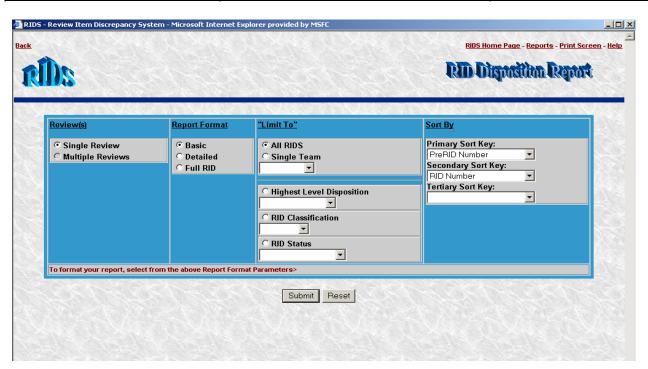
# **RID FUNCTIONS** Entry Initiator Update Member Screening Lead <u>Developer</u> Member Team Member PreBoard Chair Member Board Chair **Actionee** Concur Action Closure Approve RID Implementation Concur RID Closure Approve GENERAL USER FUNCTIONS View / Print RIDs View / Print Reports **Pending Tasks** Change Password ADMINISTRATIVE FUNCTIONS Create New Review Review Maintenance **Review Administration** REVIEW FUNCTIONS **Board Certification**

## **View / Print Reports**

- **Step 1.** To view and/or print reports for the review, click "<u>View/Print Reports"</u> from the Main Menu. This will open the Report Menu, as shown below.
- **Step 2.** Select the desired report from the Report Menu. Selection of a report will display the Report Parameter Page, as shown on the next page.
- **Step 3.** Select the desired report parameters for Report Format (Basic/Detailed/Full RID), "Limit to" options and "Sort by" keys.
- **Step 4.** Click "Submit" to display report as shown on next page. (Note: It may take a minute or so to generate/download a report for a review with several hundred RIDs.)
- **Step 5.** Click "Print Screen" to print report.



Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 25 of 65

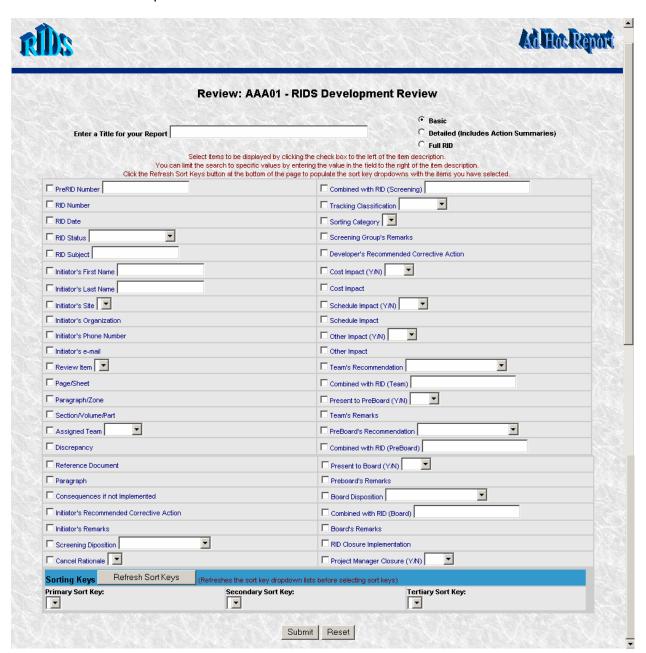




Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 26 of 65

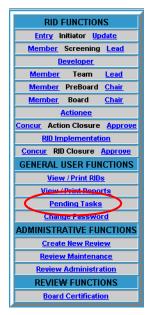
### **Ad Hoc Reports**

For ad Hoc reports, enter a report title, select the type of report (Basic, Detailed or Full RID) and select the items that you want to include in the report. You can limit the search to specific values by selecting or entering the value in the field to the right of the item description. Use the percent sign (%) as a wild card. Once the items have been selected, click the "Refresh Sort Keys" button to populate the sort key dropdown lists. Click "submit" to generate the report or "Reset" to reset the report items.

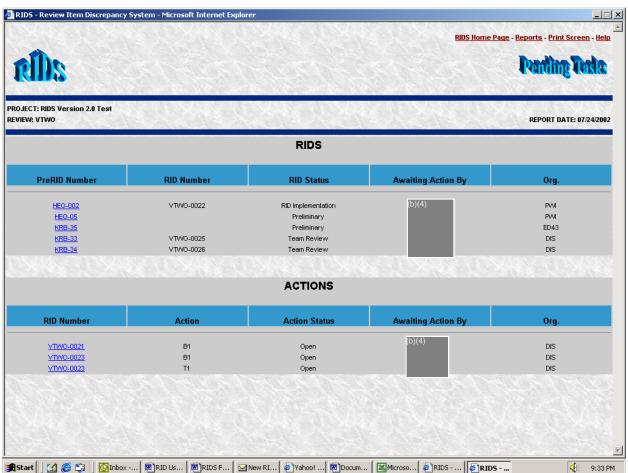


Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 27 of 65

## 6.3 Pending Tasks



- Step 1. To view a list of Pending Tasks for a review, click "Pending Tasks" from the Main Menu. This will open the list of Pending Tasks for the review sorted alphabetically by actionee's last name. (Note: RID process step tasks are listed first; then assigned Action Items.)
- Step 2. Select the desired hot-linked PreRID Number to perform the task or to view and/or work the assigned Action Item. Clicking the hot-linked RID will display a password dialog box. Enter the proper role-level password to proceed.

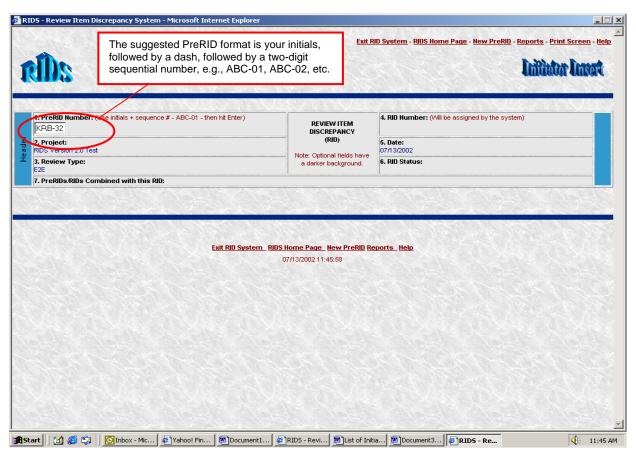


Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 28 of 65

## 6.4 Initiator - RID Entry

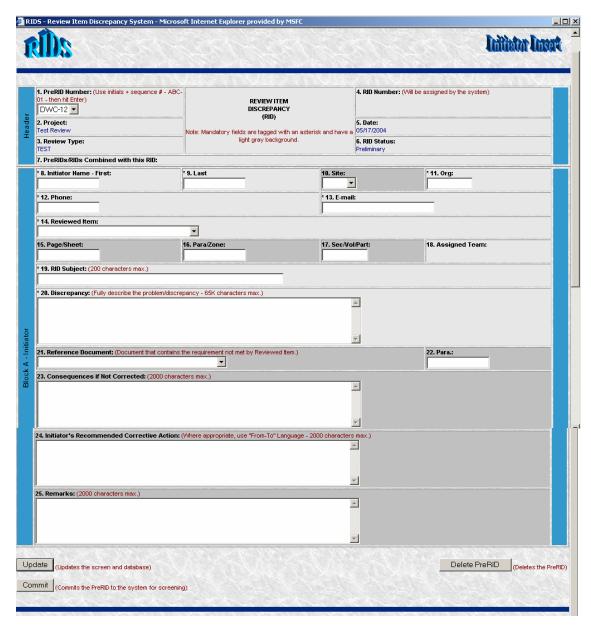


- **Step 1.** To enter a RID, click Initiator "Entry" from the Main Menu. This will open the RID Header as shown below.
- **Step 2.** Enter a PreRID Number in field 1. The PreRID Number identifies your input and must be unique for each PreRID within a review. After entering a PreRID Number, hit the "Enter" key on the keyboard.



Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 29 of 65

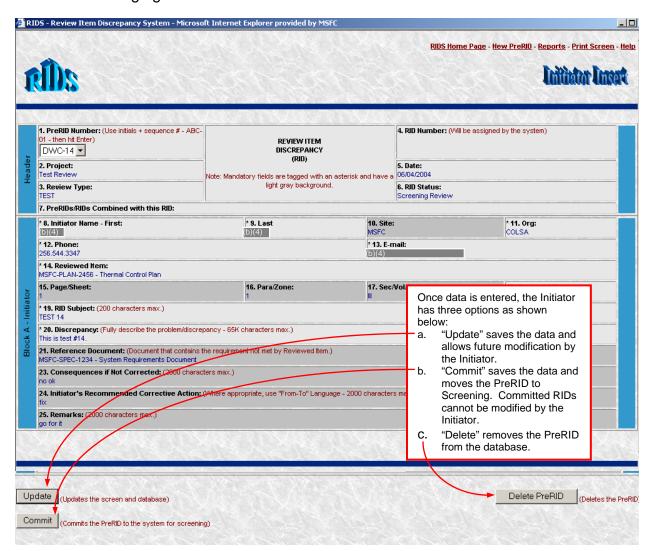
**Step 3.** Enter RID data in fields 8-17 and 19-25. Note that field 18, Assigned Team, is entered by the system, based on the Team to which the selected Reviewed Item is assigned. See Table 1 for a description of each field.



**Note:** Mandatory data fields have a light gray background and are preceded with an asterisk. Optional data fields have a dark gray background and are not preceded by an asterisk. Use the tab key or mouse to navigate from field to field. Use the scroll bar at right of screen to move up or down the form screen.

Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 30 of 65

**Step 4.** When data is entered, click one of the following buttons: "Update", "Commit" or "Delete" at the bottom of the page. These buttons are described on the following figure.



Configuration and Data Management Group		
ED43		
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline
	Effective Date: 09/28/2004	Page 31 of 65

Table 1. Field Descriptions for RID Input – Header and Block A

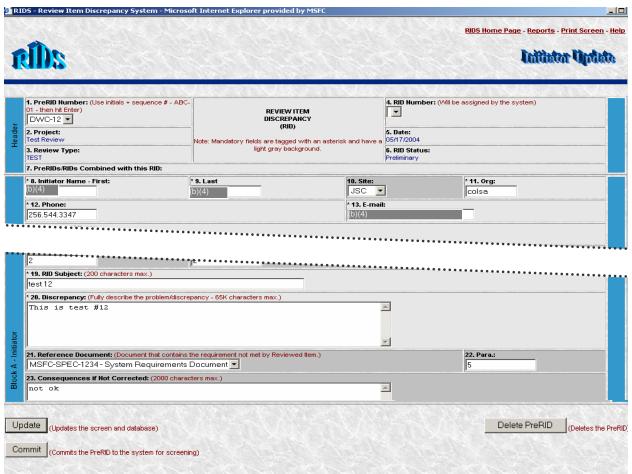
Field Number/Name		Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
1	PreRID Number	Yes	Text		Initiator	An ID assigned by the user to identify the record prior to RID screening. It should consists of the initiator's initials plus a two digit sequential number, separated by a dash; e.g., PJW-01.
2	Project	N/A	Text	Defined in Review Setup	System	The name of the project.
3	Review Type	N/A	Text	Defined in Review Setup	System	The type of review (PRR, PDR, CDR, etc.)
4	RID Number	N/A	Prefix: Text; RID Number: Integer	Prefix defined in Review Setup. Number generated by System.	System	An ID assigned by the system to identify the record after the RID is screened. The RID Number consists of a Prefix and a four digit sequential number, separated by a dash, e.g., OPCGA-0001. The RID Prefix is assigned at Review Setup and is constant for each RID in the review. The sequential number is automatically assigned by the system.
5	Date	N/A	Date		System	The RID initiation date.
6	RID Status	N/A	Text		System	An indication of the status of the PreRID or RID.
7	PreRIDs/RIDs Combined with this RID	N/A	Drop Down List		System	A list of all PreRIDs and/or RIDs combined with this RID. The list is automatically generated by the system as PreRIDs and RIDs are combined.
8	Initiator Name - First	Yes	Text		Initiator	The Initiator's first name.
9	Last	Yes	Text		Initiator	The Initiator's last name.
10	Site	No	Text/Combo Box	Defined in Review Setup	Initiator	The Initiator's organization site (i.e, MSFC, KSC, JSC, etc.).
11	Org.	Yes	Text		Initiator	The Initiator's organization code.
12	Phone	Yes	Text		Initiator	The Initiator's phone number.
13	E-mail	Yes	Text		Initiator	The Initiator's e-mail address.
14	Reviewed Item (RIDable Document)	Yes	Text/Combo Box (w/ "Other" opt.)	Defined in Review Setup	Initiator	The number/revision/title of the document/drawing being reviewed. At the option of the Project, entries in the Reviewed Item list may be "Hot-Linked."
15	Page/Sheet	No	Text		Initiator	The page or sheet number.
16	Para/Zone	No	Text		Initiator	The paragraph or zone number.
17	Sec/Vol/Part	No	Text		Initiator	The section, volume, or part number.
18	Assigned Team	Yes	Text/Combo Box	Defined in Review Setup	System	The Team name of the team assigned to recommend a RID disposition. An Assigned Team is associated with each RIDable Document at Review Setup.
19	RID Subject	Yes	Text		Initiator	Short descriptive title of the RID.
20	Discrepancy	Yes	Text		Initiator	Statement of the condition or situation which the initiator sees as contrary to project requirements.
21	Reference Document	Yes	Text/Combo Box (w/ "Other" option)	Defined in Review Setup	Initiator	The number/title of the document/drawing that contains the requirement that is not met by the RIDable document. At the Project's option, entries in the Reference Document list may be "Hot-Linked."
22	Para	Yes	Text		Initiator	Paragraph where the violated requirement is located.
23	Consequences if Not Corrected	No	Text		Initiator	A statement of the effect of the continued existence of the discrepancy or problem.
24	Initiator's Recommended Corrective Action	No	Text		Initiator	The initiator's suggested remedy or action to correct the identified discrepancy or problem.
25	Remarks	No	Text		Initiator	Any remarks related the RID that the initiator may wish to make that does not fit the definition of the contents of fields 20, 23 and 24.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline			
	Effective Date: 09/28/2004	Page 32 of 65			

## 6.5 Initiator - RID Update.

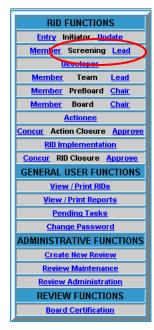


- **Step 1.** To update an uncommitted RID, click Initiator <u>Update</u> from the Main Menu. This will open the RID Header as shown below.
- Step 2. Select the desired PreRID from the dropdown list of PreRID Numbers. This will open Block A of the RID form.
- **Step 3.** Update data in fields 8-17 and 19-25.
- Step 4. Click Update, "Commit" or "Delete".

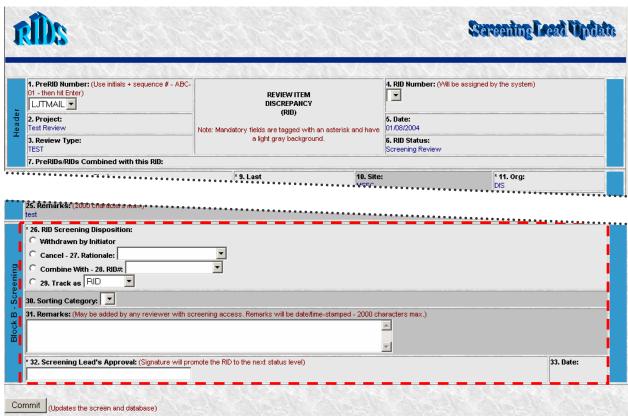


Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline			
	Effective Date: 09/28/2004	Page 33 of 65			

# 6.6 <u>Screening Group Lead – PreRID Screening</u>



- **Step 1.** For the Screening Group Lead to add remarks, click Screening <u>Lead</u> from the Main Menu. This will open the Screening Group Login dialog box.
- **Step 2.** Enter Screening Lead password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID from the dropdown list of PreRID Numbers. This will open Block B of the RID form.
- **Step 4.** Enter data in fields 26-33. See Table 2 for a description of each field.
- Step 5. Click "Commit".



Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline			
	Effective Date: 09/28/2004	Page 34 of 65			

# Table 2. Field Descriptions for RID Screening Group Input - Block B

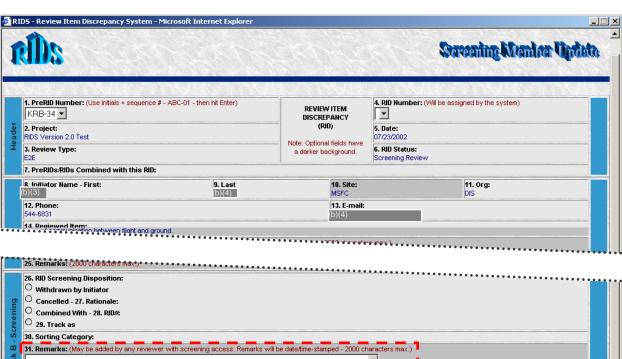
Fie	ld Number/Name	Mandatory * User Input?	Field Type	Field/List Values	Input Source	Description/Comments
26	Disposition	See Comments				Selection of one Disposition option is Mandatory if Screening Option is selected at Review Set-up. If Screening Option is not selected, all PreRIDs are screened as "Track as RID."
	Withdrawn by Initiator		Option Button		Screening Lead	PreRID does not meet the RID criteria and the Initiator agrees to withdraw the PreRID.
	Cancel		Option Button		Screening Lead	PreRID does not meet RID criteria and is canceled by the Screening Group.
27	Cancel Rationale	Mandatory if "Cancel" is the selected option.	Text/Drop Down List	Defined in Review Setup	Screening Lead	The rationale for canceling the RID.
	Combine With		Option Button		Screening Lead	PreRID meets RID criteria but is similar (or related) to another RID. The PreRID is combined with an existing RID. Only the carrier RID is tracked.
28	RID#	Mandatory if "Combine With" is the selected option.	Text/Drop Down List		Screening Lead	The RID Number with which the PreRID is to be combined. Note that a PreRID must be combined with a RID – it cannot be combined with another PreRID.
	Track as:		Option Button		Screening Lead	PreRID meets RID criteria. The System assigns the next sequential RID number.
29	Tracking Classification	Mandatory if PreRID is screened as "Track as."	Text/Drop Down List	Defined in Review Setup	Screening Lead	RID classifications designated by the project to be used for classifying RIDs.
30	RID Sorting Category	No	Text	Defined in System Setup	Screening Lead	A sorting category used to categorize RIDs into any project-defined categories.
31	Remarks	No	Text	·	Screening Group	Remarks from the Screening Group. May include justification or background for the chosen screening category.
32	Screening Lead's Approval	Yes	Text		Screening Lead	Indicates the Screening Lead's authorization of the block content.
33	Date	N/A	Date	Auto-entered by System	System.	The date that the screening Lead approved the Screening Group's recommendation.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline			
	Effective Date: 09/28/2004	Page 35 of 65			

## 6.7 <u>Screening Group Member – Screening Remarks</u>



- **Step 1.** For a Screening Group Member to add remarks, click Screening Member from the Main Menu. This will open the Screening Group Login dialog box.
- **Step 2.** Enter Screening Member password for the review and hit "Enter" or click "OK." This will open the RID Header.
- Step 3. Select the desired PreRID from the dropdown list of PreRID Numbers. This will open the Screening Remarks field, Field 31 of Block B of the RID form. Note that the Remarks field is the only field open for Screening Members.
- Step 4. Enter Remarks in field 31.
- Step 5. Click "Commit".



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33. Date:

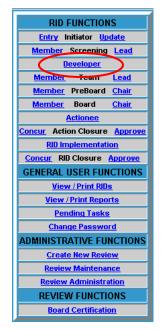
**€** ≥ 8:23 PM

32. Screening Lead's Approval: (Signature will promote the RID to the next status level)

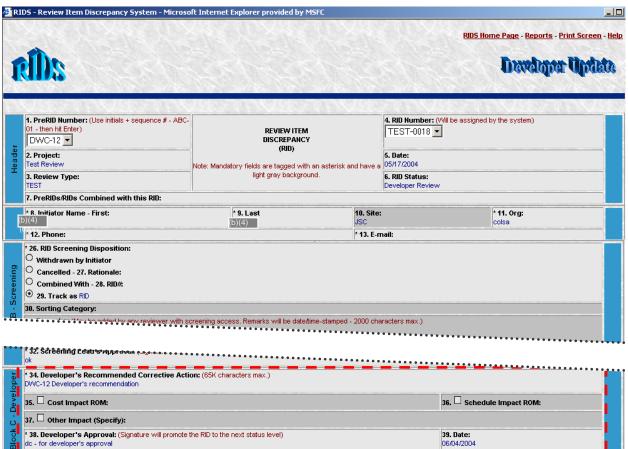
Commit (Updates the screen and database)

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline			
	Effective Date: 09/28/2004	Page 36 of 65			

# 6.8 <u>Developer – Recommended Corrective Action and Impacts</u>



- **Step 1.** To enter Developer's Recommended Corrective Action and Cost/Schedule/Other Impacts, click <u>Developer</u> from the Main Menu. This will open the Developer Login dialog box.
- **Step 2.** Enter Developer password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block C of the RID form.
- **Step 4.** Enter data in fields 34-39. See Table 3 for a description of each field.
- Step 5. Click "Commit".



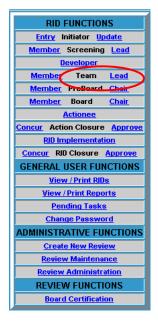
Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 37 of 65		

## Table 3. Field Descriptions for Developer Input - Block C

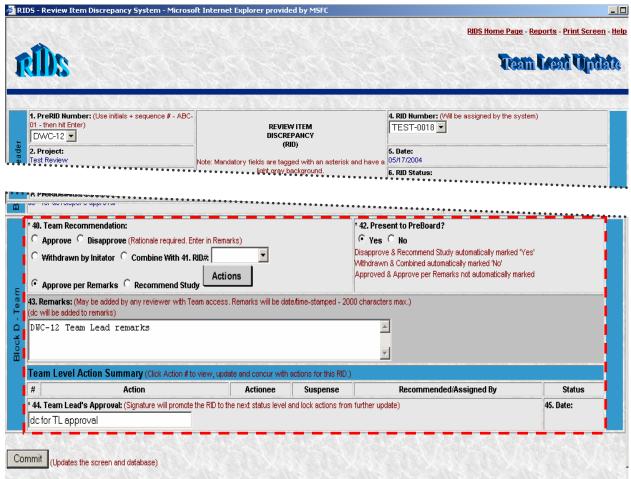
Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
34	Developer's Recommended Corrective Action (DRCA)	Mandatory if DRCA required.	Text		Developer	The developer's recommended method of correcting the discrepancy.
35	Cost Impact	No	Check Box/Text		Developer	Indicates Cost impact and quantifies a Rough Order of Magnitude (ROM). Checking Cost Impact requires ROM input.
36	Schedule Impact	No	Check Box/Text		Developer	Indicates Schedule impact and quantifies a Rough Order of Magnitude (ROM). Checking Schedule Impact requires ROM input.
37	Other Impact	No	Check Box/Text		Developer	Indicates Other impact to be specified by developer. Checking Other Impact requires impact description.
38	Developer's Approval	Yes	Text		Developer	The Developer's authorization of the block content.
39	Date	N/A	Date	Auto-entered by System	System	The date that the developer approved the Recommended Corrective Action.

Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 38 of 65		

#### 6.9 Team Lead - Team Disposition



- **Step 1.** To enter the Team Lead's Disposition, click Team <u>Lead</u> from the Main Menu. This will open the Team Login dialog box.
- **Step 2.** Enter the appropriate Team Lead password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block D of the RID form.
- **Step 4.** Enter data in fields 40-45. See Table 4 for a description of each field.
- Step 5. Click "Commit".



Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 39 of 65		

#### Table 4. Field Descriptions for Team Input - Block D

Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
40	Team Recommendation	Yes				Selection of one Team Recommendation option is mandatory.
	Approve		Option Button		Team Lead	The RID is valid and requires corrective action. Selection automatically opens Action dialog box.
	Disapprove		Option Button		Team Lead	The RID is disapproved by the Team. Selection requires Team Lead to enter disapproval rationale in Remarks. Disapproved RIDs are sent to the PreBoard. No action is assigned.
	Withdrawn by Initiator		Option Button		Team Lead	The initiator agrees to Withdraw the RID.
	Approve per Remarks		Option Button		Team Lead	The RID is valid subject to Remarks in Field 43.
	Recommend Study		Option Button		Team Lead	The RID is approved for Study – not implementation.
	Combine with:		Option Button		Team Lead	RID meets RID criteria but is similar (or related) to another RID. The RID is combined with an existing RID and automatically closed. Only the carrier RID is tracked.
41	RID#	Mandatory if "Combine With" is the selected option.	Text/Drop Down List		Team Lead	The RID Number with which the RID is to be combined.
42	Present to PreBoard	No (See Comment)	Option Button (Yes/No)	Yes/No	Team Lead	If "Yes," the RID is to be presented to the PreBoard for disposition. (Note: All RIDs that are disapproved, have a cost, schedule, or significant technical impact, or are otherwise controversial, must be submitted to the PreBoard.)  If "No," the RID is dispositioned by the Team.
43	Remarks	Mandatory based on selected option	Text		Team Lead	Remarks that clarify the discrepancy and recommended disposition.
44	Team Lead's Approval	Yes	Text		Team Lead	The Team Lead's authorization of Block D content.
45	Date	N/A	Date	Auto-entered by System	System	The date that the Team Lead approved the recommendation.

Configuration and Data Management Group			
ED43			
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline	
	Effective Date: 09/28/2004	Page 40 of 65	

#### 6.10 Team/PreBoard/Board Member - Remarks



Note: The steps for entering Remarks is identical for Team, PreBoard and Board Members

- **Step 1.** For a Team, PreBoard or Board Member to add remarks, click Team/PreBoard/Board Member from the Main Menu. This will open the appropriate Member Login dialog box.
- **Step 2.** Enter the appropriate Member password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired RID or PreRID from the dropdown list of RID or PreRID Numbers. This will open the appropriate Remarks field in Block D, E or F of the RID form. Note that the Remarks field is the only field open for Members.
- **Step 4.** Enter Remarks in field 43, 49 or, 54, as appropriate.
- Step 5. Click "Commit".

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004	Page 41 of 65			

#### 6.11 <u>Team/PreBoard/Board – Action Item Recommendation/Assignment</u>

The Action capability of the RID System provides a full capability for recommending, assigning, tracking, evaluating, and closing actions related to RID corrective actions.

The Team can enter an Action Item and mark it:

- a. "Recommended"
- b. "Assigned"

#### The PreBoard can:

- a. Accept the Team's Recommended Action Item and mark it "Recommended" or "Assigned"
- b. Modify the Team's Recommended Action Item and mark it "Recommended" or "Assigned"
- c. Cancel the Team's Recommended Action Item
- d. Enter an additional Action Item and mark it "Recommended" or "Assigned"

#### The Board can:

- a. Accept the Team's or PreBoard's Recommended Action Item and mark it "Assigned"
- b. Modify the Team's or PreBoard's Recommended Action Item and mark it "Assigned"
- c. Cancel the Team's or PreBoard's Recommended Action Item
- d. Enter an additional Action Item and mark it "Assigned"

#### Note that:

- a. An Action Item <u>Recommended</u> at a lower level can be accepted, modified or canceled at a higher level.
- b. An Action Item <u>Assigned</u> at a lower level cannot be modified or canceled at a higher level.
- c. Actionees are notified immediately when <u>Assigned</u> an Action Item at the Team, PreBoard, or Board level, if the Program/Project selects "Notify Actionee when Action is Assigned" in the Review Set-Up. Actionees are notified after Board Certification, if the Program/Project selects "Notify Actionee after Board Certifies Review" in the Review Set-Up.
- d. The system will prohibit the user from dispositioning a RID at the Team or PreBoard level if there are <u>Recommended</u> Action Items and the RID is not being promoted to the next higher approval authority.
- e. The system will prohibit the user from dispositioning a RID at the Board level if there are <u>Recommended</u> Action Items outstanding.

Configuration and Data Management Group			
ED43			
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline	
	Effective Date: 09/28/2004	Page 42 of 65	

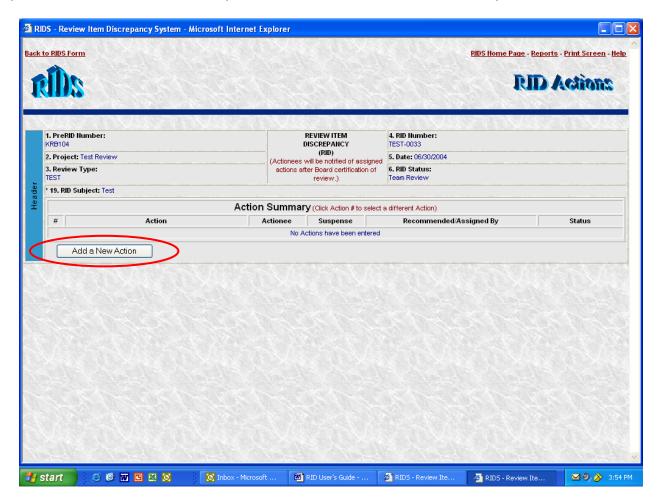
f. The system will warn the user when dispositioning a RID at the all levels if there are no <u>Assigned</u> Action Items.

In order to maintain an audit trail of actions, all Action Items (regardless of whether recommended, assigned or cancelled) are maintained in the database during the life of the review.

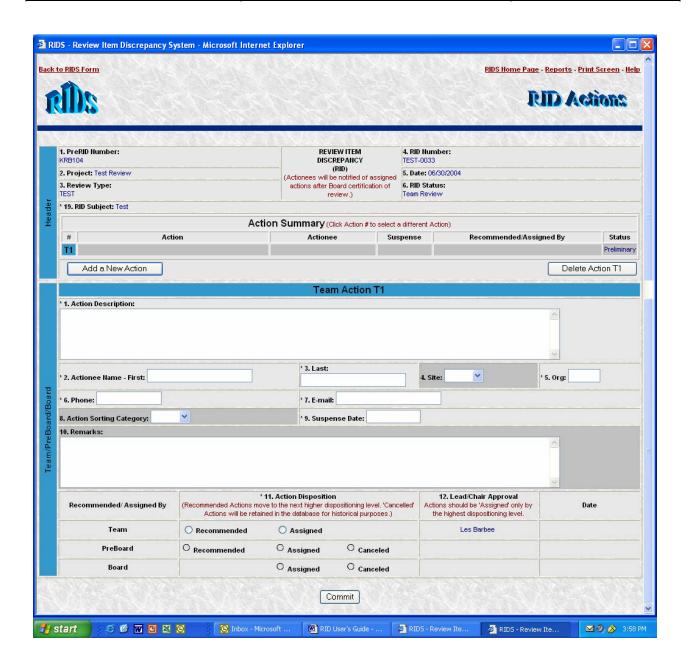
Follow these steps to recommend or assign an Action Item.

- **Step 1.** To enter an Action Item, click the Action button in Block D/E/F. This will open the RID Header and Action Summary as shown below.
- **Step 2.** Click Add a New Action as shown below. This will append the Action Form as shown on the next page.
- **Step 3.** Enter data in fields 1-12. See Table 5 for a description of each field.
- Step 4. Click "Commit".
- **Step 5.** To return to the parent RID, click <u>Back to RID Form</u> link at upper left of Action form.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004 Page 43 of 65				



Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 44 of 65		



Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 45 of 65		

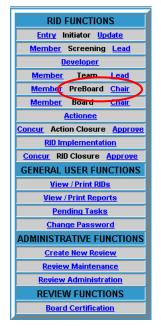
Table 5. Field Descriptions for Action Item Recommendation/Assignment

Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments	
	Action Recommendation/Assignment						
1	Action Description	Yes	Text		T/PB/B *	A description of the action to be performed.	
2	Actionee Name - First	Yes	Text		T/PB/B	Actionee's First Name.	
3	Last	Yes	Text		T/PB/B	Actionee's Last Name.	
4	Site	No	Drop Down List	Project-defined sites	T/PB/B	Actionee's Site.	
5	Org	Yes	Text		T/PB/B	Actionee's organization.	
6	Phone	No	Text		T/PB/B	Actionee's phone number.	
7	E-mail	Yes	Text		T/PB/B	Actionee's E-mail address.	
8	Action Sorting Category	Yes, if categories specified at Review Set-up	Drop Down List	Project-defined categories	T/PB/B	A sorting category used to categorize Actions into any project-defined categories.	
9	Suspense Date	Yes, if Assigned	Date		T/PB/B	The date the action is to be completed.	
10	Remarks	No	Text		T/PB/B	Remarks related to the action.	
11	Action Disposition	Yes	Radio Button		T/PB/B	An indication of whether the Action Item is Assigned, Recommended or cancelled.	
12	Lead/Chair Approval	Yes	Text		System	The name of the person who approved the action. This is typically the Team Lead, PreBoard Chairperson or Board Chairperson.	

<sup>\*</sup> T/PB/B = Team/PreBoard/Board.

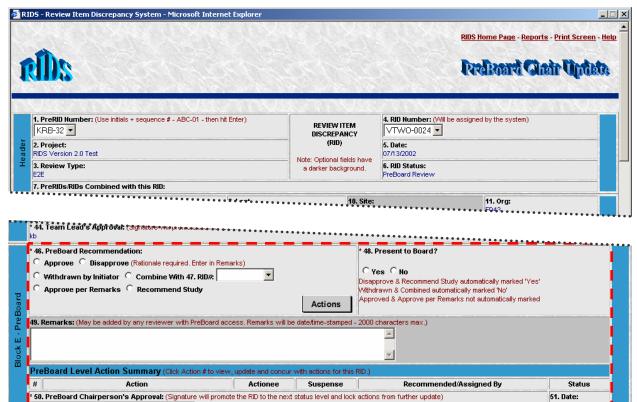
Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 46 of 65			

#### 6.12 PreBoard Chair - PreBoard Disposition



Commit (Updates the screen and database)

- **Step 1.** To enter the PreBoard Chair's Disposition, click "PreBoard Chair" from the Main Menu. This will open the PreBoard Login dialog box.
- **Step 2.** Enter the PreBoard Chair's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block E of the RID form.
- **Step 4.** Enter data in fields 46-51. See Table 6 for a description of each field.
- **Step 5.** Click the Action button to recommend or assign an Action Item.
- Step 6. Click commit.



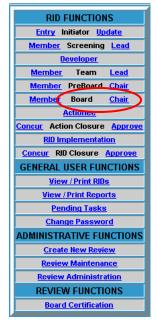
Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 47 of 65			

## Table 6. Field Descriptions for PreBoard Input - Block E

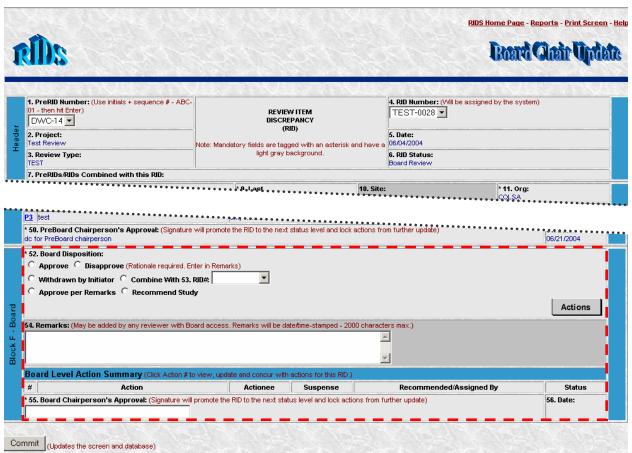
Fie	ld Number/Name	Mandatory * User Input?	Field Type	Field/List Values	Input Source	Description/Comments
46	PreBoard Recommendation	Yes				Selection of one PreBoard Recommendation option is mandatory.
	Approve		Option Button		PreBoard Chair	The RID is valid and requires corrective action. Selection automatically opens Action dialog box.
	Disapprove		Option Button		PreBoard Chair	The RID is disapproved. Selection requires PreBoard to enter disapproval rationale in Remarks. No action is assigned.
	Withdrawn by Initiator		Option Button		PreBoard Chair	The initiator agrees to Withdraw the RID.
	Approve per Remarks		Option Button		PreBoard Chair	The RID is valid subject to Remarks in Field 49.
	Recommend Study		Option Button		PreBoard Chair	The RID is approved for Study – not implementation.
	Combine with:		Option Button		PreBoard Chair	RID meets RID criteria but is similar (or related) to another RID. The RID is combined with an existing RID and automatically closed. Only the carrier RID is tracked.
47	RID#	Mandatory if "Combine With" is the selected option.	Text/Drop Down List		PreBoard Chair	The RID Number with which the RID is to be combined.
48	Present to Board	No (See Comment)	Option Button (Yes/No)		PreBoard Chair	If "Yes," the RID is to be presented to the Board for disposition. (Note: All RIDs that are disapproved, have a cost, schedule, or significant technical impact, or are otherwise controversial, must be submitted to the PreBoard.)
49	Remarks	Mandatory based on selected option	Text		PreBoard Chair	If "No," the RID is dispositioned by the PreBoard.  Remarks that clarify the discrepancy and recommendation.
50	PreBoard Chairperson's Approval	Yes	Text		PreBoard Chair	The PreBoard Chair's authorization of Block E content.
51	Date	N/A	Date	Auto-entered by System	System	The date that the PreBoard Chairperson approved the recommendation.

Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 48 of 65		

#### 6.13 Board Chair - Board Disposition



- **Step 1.** To enter the Board Chair's Disposition, click Board Chair from the Main Menu. This will open the Board Login dialog box.
- **Step 2.** Enter the Board Chair's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block F of the RID form.
- **Step 4.** Enter data in fields 52-56. See Table 7 for a description of each field.
- Step 5. Click Commit.



Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 49 of 65			

## Table 7. Field Descriptions for Board Input - Block F

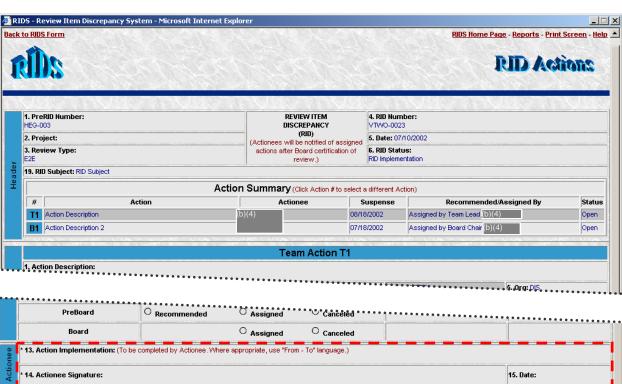
Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
52	Board Recommendation	Yes				Selection of one Board Recommendation option is mandatory.
	Approve		Option Button		Board	The RID is valid and requires corrective action. Selection automatically opens Action dialog box.
	Disapprove		Option Button		Board	The RID is disapproved by the Board. Selection requires Board Chairperson to enter disapproval rationale in Remarks. No action is assigned.
	Withdrawn by Initiator		Option Button		Board	The initiator agrees to Withdraw the RID.
	Approve per Remarks		Option Button		Board	The RID is valid subject to Remarks in Field 54.
	Recommend Study		Option Button		Board	The RID is approved for Study – not implementation.
	Combine with:		Option Button		Board	The RID meets RID criteria but is similar (or related) to another RID. The RID is combined with an existing RID. Only the carrier RID is tracked.
53	RID#	Mandatory if "Combine With" is the selected option.	Text/Drop Down List		Board	The RID Number with which the RID is to be combined.
54	Remarks	Mandatory based on selected option	Text		Board	Remarks that clarify the Board's disposition.
55	Board Chairperson's Approval	Yes	Text		Board	Indicates the Board Chairperson's authorization of Block F content.
56	Date	N/A	Date	Auto-entered by System	System	The date that the Board Chairperson approved the recommendation.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 50 of 65			

#### 6.14 Actionee – Action Item Implementation



- **Step 1** To enter the Action Item Implementation, click <u>Actionee</u> from the Main Menu. This will open the Actionee Login dialog box.
- **Step 2.** Enter the Actionee's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open all completed fields of the RID form and associated Action Items.
- **Step 4.** Click the "Edit Action" link to open the desired Action Item.
- **Step 5.** Enter Action Implementation, fields 13-15. See Table 8 for a description of each field.



Commit

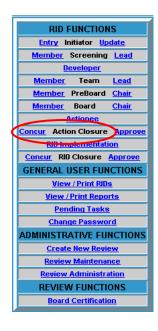
Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 51 of 65			

## Table 8. Field Descriptions for Action Item Implementation

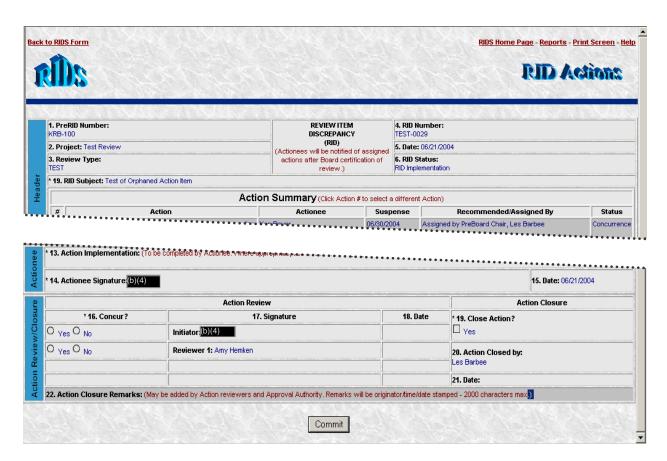
Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
13	Action Implementation	Yes	Text		Actionee	A description of the way the actionee proposes to correct the discrepancy.
14	Actionee Signature	Yes	Text		Actionee	The signature of the actionee.
15	Date	N/A	Date	Auto-entered by System	System	The date the Actionee signs the form.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 52 of 65			

#### 6.15 Action Reviewer – Action Item Concurrence



- **Step 1.** To enter the Action Item Concurrence, click Action Closure Concur from the Main Menu. This will open the Action Reviewer's Login dialog box.
- **Step 2.** Enter the Action Reviewer's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open all completed fields of the RID form and associated Action Items.
- Step 4. Click the Edit Action link to open the desired Action Item
- **Step 5.** Enter Action Review, fields 16-18 and 22. See Table 9 for a description of each field.



Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 53 of 65			

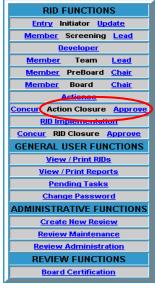
## Table 9. Field Descriptions for Action Item Concurrence

Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
16	Concur	No	Option	Yes/No	Reviewer	An Indicator of concurrence or non-concurrence with the Action Implementation. Note: Action Concurrence is optional – the Team Lead can approve the Action Item whether or not reviewers have concurred/non-concurred.
17	Signature	No	Text		Reviewer	Signature of Reviewer.
18	Date	N/A	Date	Auto-entered by System	System	The date the Reviewer concurred or non- concurred with the proposed Action Implementation.
22	Action Closure Remarks	No	Text		Reviewer and/or Project Manager	Remarks related to Action Item.

<sup>\*</sup> T/PB/B = Team/PreBoard/Board.

Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 54 of 65		

#### 6.16 Action Approval Authority (Team Lead) - Action Item Approval



- **Step 1.** To enter the Action Item Approval, click "Action Closure Approve" from the Main Menu. This will open the Action Approval Login dialog box.
- **Step 2.** Enter the Action Approval Authority's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open all completed fields of the RID form and associated Action Items.
- **Step 4.** Click the "Edit Action" link to open the desired Action Item
- **Step 5.** Enter Action Closure, fields 19-22. See Table 10 for a description of each field.



Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004	Page 55 of 65			

## Table 10. Field Descriptions for Action Item Approval

Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
19	Close Action?	Yes	Option	Yes/No	Program Manager or designee	Indicator of Action closure.
20	Action Closed by	Yes	Text		Program Manager or designee	The signature of the Team Lead.
21	Date	N/A	Date	Auto-entered by System	System	The date the Action is closed.
22	Action Closure Remarks	No	Text		Reviewer and/or Project Manager	Remarks related to Action Item.

Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 56 of 65		

#### 6.17 System Engineer – RID Implementation Performed by the System Engineer



- **Step 1.** To enter the RID Implementation, click "<u>RID Implementation</u>" from the Main Menu. This will open the System Engineer's RID Implementation Login dialog box.
- **Step 2.** Enter the System Engineer's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block G of the RID form.
- **Step 4.** Enter data in fields 57-59. See Table 11 for field descriptions.
- Step 5. Click Commit.
- **Note:** Action Item Implementation data may be automatically copied from associated Action Items into field 57 of the RID by clicking the "Copy and Combine Action" implementation link in field 57.



Configuration and Data Management Group					
ED43					
Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline					
	Effective Date: 09/28/2004	Page 57 of 65			

## Table 11. Field Descriptions for RID Closure - Block G (Fields 57-59)

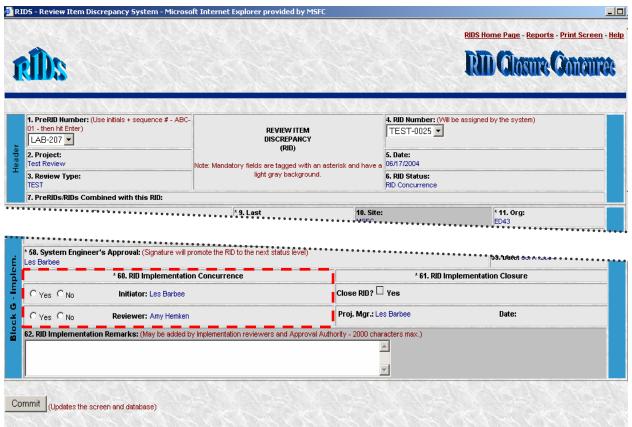
Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
57	RID Implementation	Yes	Text		System Engineer	The Implementation of the RID.
58	System Engineer's Approval	Yes	Text		System Engineer	
59	Date	N/A	Date	Auto-entered by System.	System	The date the System Engineer approves RID Implementation.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004	Page 58 of 65			

#### 6.18 RID Reviewer – RID Closure Concurrence



- **Step 1.** To enter the RID Reviewer's Concurrence, click RID Closure Concur from the Main Menu. This will open the RID Reviewer's Login dialog box.
- **Step 2.** Enter the RID Reviewer's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block G, fields 60 and 62, of the RID form.
- **Step 4.** Enter data in field 60 and 62. See Table 12 for field descriptions.
- Step 5. Click Commit.



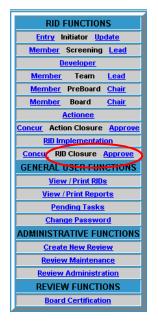
Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004	Page 59 of 65			

### Table 12. Field Descriptions for RID Closure - Block G (Fields 60 and 62)

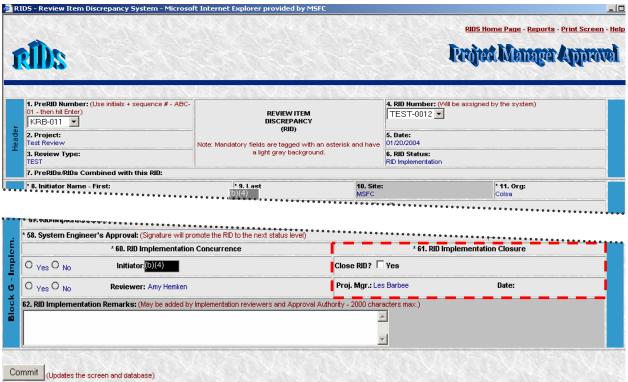
Field Number/Name		lumber/Name Mandatory Field Type Field/List Values		Input Source	Description/Comments	
60	RID Concurrence	Mandatory as specified in Review Setup	Option	Yes/No	Reviewer	Indicator of concurrence or non-concurrence with the RID closure.
	Signature	Mandatory as specified in Review Setup	Text		Reviewer	Signature of Reviewer.
	Date	N/A	Date	Auto-entered by System.	System	The date the Reviewer concurred with RID Implementation.
62	Remarks	No	Text		Reviewers and/or Project Manager	Remarks related to RID Implementation.

Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004	Page 60 of 65			

#### 6.19 Project Manager - RID Approval



- **Step 1.** To enter the RID Approval, click RID Closure <u>Approve</u> from the Main Menu. This will open the RID Project Manager's Login dialog box.
- **Step 2.** Enter the Project Manager's password for the review and hit "Enter" or click "OK." This will open the RID Header.
- **Step 3.** Select the desired PreRID or RID from the dropdown list of PreRID or RID Numbers. This will open Block G, fields 61-62 of the RID form.
- **Step 4.** Enter data in fields 61-62. See Table 13 for field descriptions.
- Step 5. Click Commit.



Configuration and Data Management Group					
ED43					
Title: RID System User's Guide	Title: RID System User's Guide Document No.: MSFC-MNL-3317 Revision: Baseline				
	Effective Date: 09/28/2004	Page 61 of 65			

## Table 13. Field Descriptions for RID Closure - Block G (Fields 61-62)

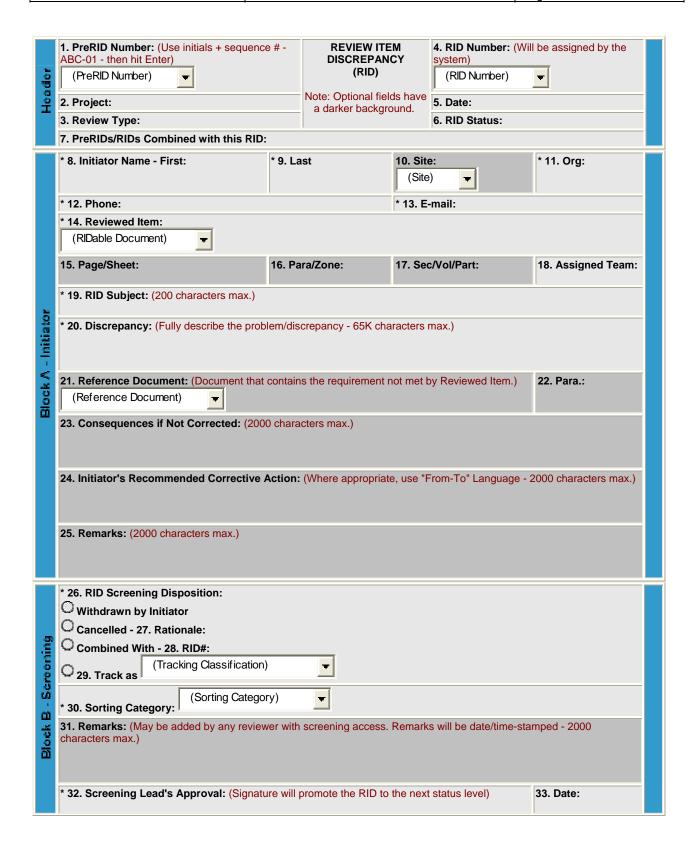
Fie	ld Number/Name	Mandatory User Input?	Field Type	Field/List Values	Input Source	Description/Comments
61	Close RID?	Yes	Option	Yes/No	Project Manager	Indicator of RID closure.
	Proj. Mgr.	Yes	Text		Project Manager	The Project Manager's signature.
	Date	N/A	Date	Auto-entered by System	System	The date the RID is closed.
62	Remarks	No	Text		Reviewers and/or Project Manager	Remarks related to RID Implementation.

Configuration and Data Management Group			
ED43			
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline	
	Effective Date: 09/28/2004	Page 62 of 65	

# Appendix A

## **RID Form**

Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 63 of 65		



Configuration and Data Management Group			
ED43			
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline	
	Effective Date: 09/28/2004	Page 64 of 65	

De veloper	* 34.	34. Developer's Recommended Corrective Action: (65K characters max.)						
10	35. Cost Impact ROM:				36. Schedule	Impact		
Block C	37. Other Impact (Specify):							
* 38. Developer's Approval: (Signature will promote the RID to the next status level)  39. Date:				39. Date:				
	* 40. Team Recommendation: * 42. Present to PreBoard?							
				O Yes O No	ommand Study automatically			
_	marked 'Y			marked 'Yes'				
Team	Approv				ithdrawn & Combined automatically marked 'No' pproved & Approve per Remarks not automatically arked			
Block D.	<b>43. Remarks:</b> (May be added by any reviewer with Team access. Remarks will be date/time-stamped - 2000 characters max.)				characters			
	Team Level Action Summary (Click Action # to view, update and concur with actions for this RID.)							
	#	Action		Actionee	Suspense	Recommended		Status
		Team Lead's Approval: er update)	(Signature wi	ill promote th	ne RID to the r	next status level and l	ock actions from	45. Date:
PreBoard	* 46. PreBoard Recommendation:  Approved  Withdrawn by Initiator  Approved per Remarks  Recommended Study			* 48. Present to Board?  O Yes O No  Disapprove & Recommend Study automatically marked 'Yes'  Withdrawn & Combined automatically marked 'No' Approved & Approve per Remarks not automatically marked				
ш	49. Remarks: (May be added by any reviewer with PreBoard access. Remarks will be date/time-stamped - 2000 characters max.)				000			
Block	Prel	<b>Board Level Action</b>	Summary	(Click Actio	n # to view, u	odate and concur with	n actions for this R	ID.)
	#	Action		Actionee	Suspense	Recommended	/Assigned By	Status
	* 50. PreBoard Chairperson's Approval: (Signature will promote the RID to the next status level and lock actions from further update)  51. Date:							
rd	* 52. Board Disposition:  Approved  Withdrawn by Initiator  Approved per Remarks  Recommended Study							
F - Board	54. R max.	Remarks: (May be added )	by any review	ver with Boar	rd access. Re	marks will be date/tim	e-stamped - 2000	characters
Block	Boa	ard Level Action Summary (Click Action # to view, update and concur with actions for this RID.)						
西	#	Action		nee Suspe		ommended/Assigned	-	Status
	<u>n</u>	(Action Description)		nee) (Suspe Dat	е	ne of person assigning Action)	,	ion Status)
		55. Board Chairperson's Approval: (Signature will promote the RID to the next status level and ock actions from further update)  56. Date:						

Configuration and Data Management Group				
ED43				
Title: RID System User's Guide	Document No.: MSFC-MNL-3317	Revision: Baseline		
	Effective Date: 09/28/2004	Page 65 of 65		

